

said carbon precursor, the improvement comprising eliminating the stabilization step through the use of a process comprising:
providing to said carbon precursor, at the atomic level an oxygen spillover catalyst that permits shortening or elimination of said stabilization step.

Rewrite claims 6-9 as follows:

6) (Rewritten) The method of claim 1 wherein said oxygen spillover catalyst is [selected from the group consisting of oxides of] a lanthanum series [oxides and transition metal oxides] oxide.

7) (Rewritten) The method of claim 2 wherein said oxygen spillover catalyst is a lanthanum series [or transition metal] oxide.

8) (Rewritten) The method of claim 3 wherein said oxygen spillover catalyst is a lanthanum series [or transition metal] oxide.

9) (Rewritten) The method of claim 4 wherein said oxygen spillover catalyst is [selected from the group consisting of] a lanthanum series [oxides and transition metal oxides] oxide.

Cancel claim 12 and substitute therefor the following new claim 24:

24) A carbon foam, carbon fiber, carbon ceramic composite or C/C composite fabricated from a petroleum or coal pitch, polyacrylonitrile or rayon by a process comprising:

- A) forming a carbon precursor;
- B) providing to said carbon precursor, at the atomic level, an oxygen spillover catalyst; and
- C) forming said carbon foam, carbon fiber, carbon ceramic composite or C/C composite

Rewrite claims 17-20 as follows:

17)(Rewritten) The carbon foam, carbon fiber, carbon ceramic composite or C/C composite of claim 12 wherein said oxygen spillover catalyst is [selected from the group consisting of oxides of] a lanthanum series [oxides and transitions metal oxides] oxide.

18)(Rewritten) The carbon foam, carbon fiber, carbon ceramic composite or C/C composite of claim 13 wherein said oxygen spillover catalyst is a lanthanum series [or transition metal] oxide.

19)(Rewritten) The carbon foam, carbon fiber, carbon ceramic composite or C/C composite of claim 14 wherein said oxygen spillover catalyst is a lanthanum series [or transition metal] oxide.